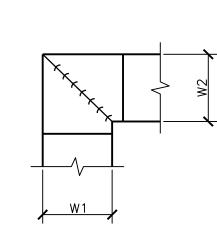
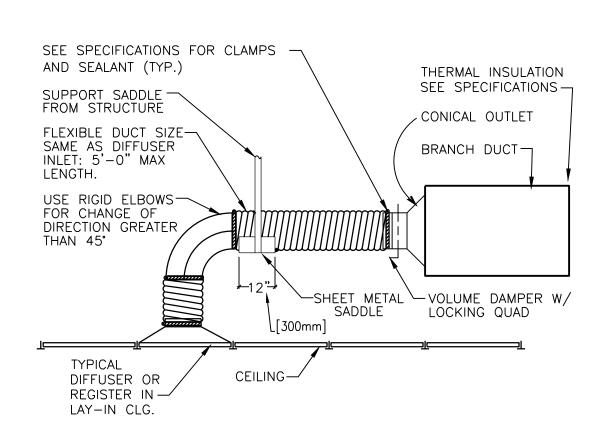


VA FORM 08-6231

MINIMUM 1 1/2" x 1 1/2" x

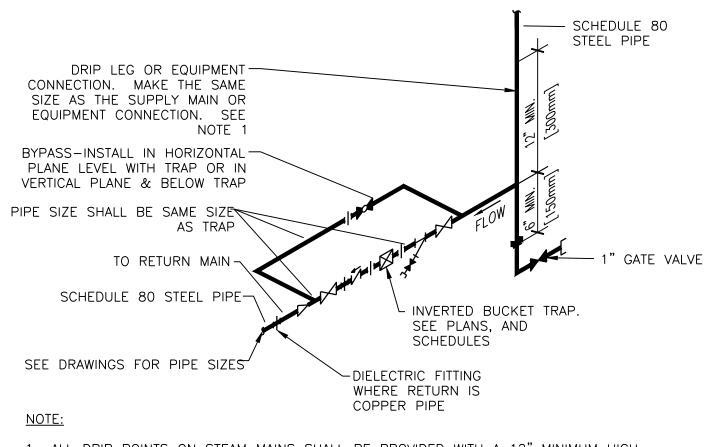


- 1. ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY
- 2. WHEN W1 DOES NOT EQUAL W2, VANE SHALL BE SINGLE THICKNESS VANE TYPE REGARDLESS OF W DIMENSION.
- 3. ALL SINGLE THICKNESS VANES SHALL HAVE A 2" [50mm] RADIUS, 1 1/2" [40mm] MAXIMUM SPACE BETWEEN VANES AND A 3/4" [20mm] TRAILING EDGE.
- 4. WHEN W EQUALS W2 AND W1 IS GREATER THAN 20" [500mm] VANES SHALL BE DOUBLE VANE TYPE.
- DUCTWORK SQUARE VANE ELBOWS



NOTE:
THE USE OF FLEXIBLE AIR DUCT CONNECTORS ARE NOT PERMITTED FOR THE DEDICATED AHU SERVING THE SURGICAL SUITE.

FLEXIBLE AIR DUCT CONNECTOR

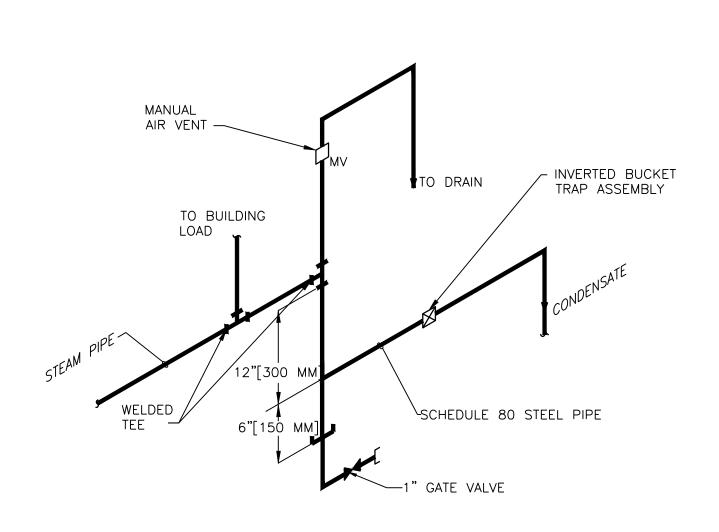


1. ALL DRIP POINTS ON STEAM MAINS SHALL BE PROVIDED WITH A 12" MINIMUM HIGH DRIP LEG FROM BOTTOM OF STEAM MAIN TO TRAP INLET. DRIP LEG SHALL HAVE 6" SCALE POCKET BELOW TRAP INLET. 2. PROVIDE BYPASS PIPING.

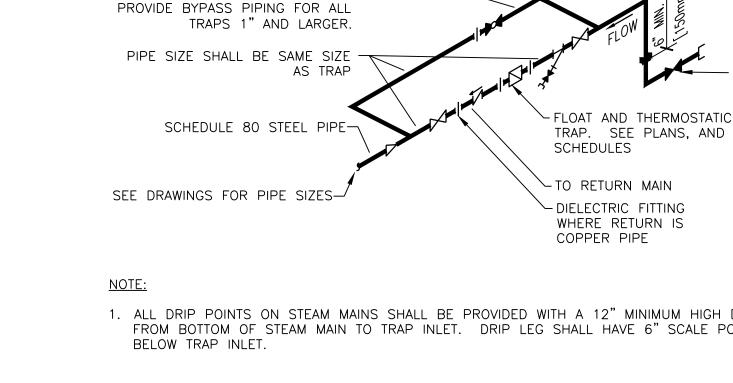
4

INVERTED BUCKET STEAM TRAP ASSEMBLY

3



END OF STEAM LINE DRIP TRAP



DRIP LEG OR EQUIPMENT -

CONNECTION. MAKE THE SAME

SIZE AS THE SUPPLY MAIN OR

EQUIPMENT CONNECTION. SEE

BYPASS-INSTALL IN HORIZONTAL —

PLANE LEVEL WITH TRAP OR IN

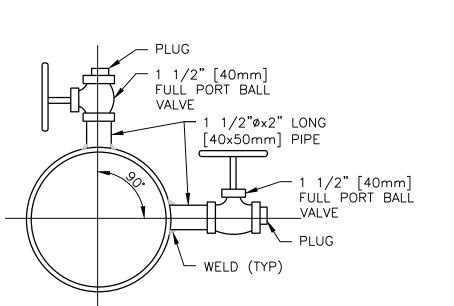
VERTICAL PLANE & BELOW TRAP

1. ALL DRIP POINTS ON STEAM MAINS SHALL BE PROVIDED WITH A 12" MINIMUM HIGH DRIP LEG FROM BOTTOM OF STEAM MAIN TO TRAP INLET. DRIP LEG SHALL HAVE 6" SCALE POCKET

— SCHEDULE 80

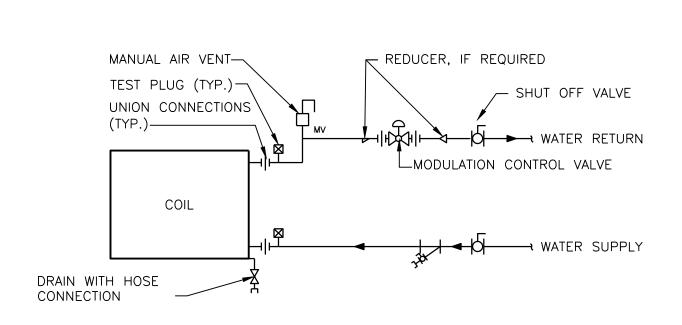
STEEL PIPE





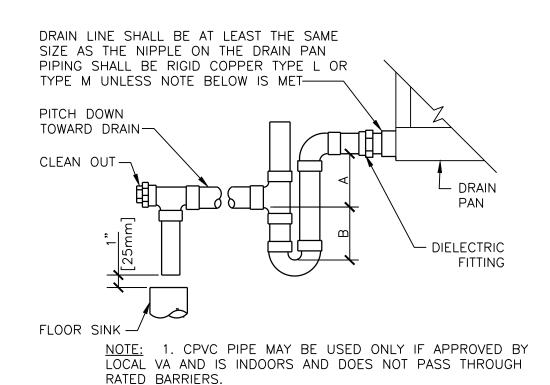
- <u>NOTE:</u> 1. PROVIDE IN CHILLED WATER MAIN AND IN CONDENSER WATER MAIN. 2. LOCATE PILOT TUBE TAPS 20 PIPE DIAMETERS DOWNSTREAM AND
- 10 PIPE DIAMETERS UPSTREAM FROM THE NEAREST PIPE FITTING. EITHER TOP OR SIDE LOCATION. BOTH ARE NOT REQUIRED AT SAME LOCATION.





TERMINAL UNIT WATER COILS -PIPING CONNECTIONS

MTC



UNIT TYPE DRAW THRU PLUS X

1" [25mm]

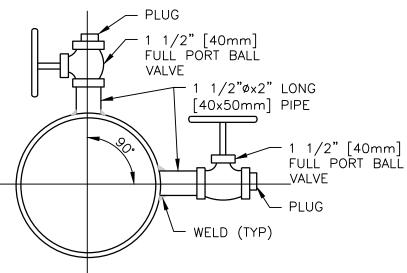
MINĪMUM

2. DIELECTRIC FITTING TO BE USED WHEN TWO DISSIMILAR

WHERE X = STATIC PRESSURE IN PAN AIR HANDLING UNIT DRAIN TRAP DETAIL

BLOW THRU

METALS ARE TO BE CONNECTED.



1. PROVIDE IN CHILLED WATER MAIN AND IN CONDENSER WATER MAIN.

2. LOCATE PILOT TUBE TAPS 20 PIPE DIAMETERS DOWNSTREAM AND 10 PIPE DIAMETERS UPSTREAM FROM THE NEAREST PIPE FITTING. EITHER TOP OR SIDE LOCATION. BOTH ARE NOT REQUIRED AT SAME LOCATION.

PITOT TEST CONNECTIONS

I A A OF FINIAL CONSTRUCTION DOCLINAFING FILLY SPRINKLERED

100% I INAL CONSTRUCTION DOCUMENTS - TULLY STRINKLERLD						
	CONSULTANTS:	ARCHITECT/ENGINEERS:	Drawing Title MECHANICAL DETAILS	Project Title RENOVATE P-SIDE FOR	Project Number 621-15-120	Office of
		Atriax, pllc 102 3rd Avenue, NE		SUPER POD PHASE 2	Building Number 160	Construction and Facilities
	FreemanWhite LeGrand Engineering, Inc. 8845 Red Oak Blvd. 215 Park Ave SE	PO Box 1629, Hickory, NC 28603 Phone: 828.315.9962 Fax: 828.315.9964	Approved: Project Director	Location J.H. QUILLEN VAMC MTN. HOME TN	Drawing Number	Management
ADDENDUM A Revisions:	Charlotte, NC 28217-5593 3/25/2016 Phone: 704.523.2230 Phone: 803.502.0657 Fax: 704.523.2235 Fax: 803.643.4648	www.atriaxgroup.com NC Engineering License No.: P-0214 NC Architectural License No.: 51254		Date Checked Drawn DECEMBER 21, 2015 AGT AGT	M502 Dwg. 87 of 118	Department of Veterans Affairs

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